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**Amendments To The Claims:**

This listing of claims will replace all prior versions and listings, of claims in the application:

1.-15 (Cancelled).

16. (Currently Amended) A method for transplanting organs and grafting tissue into a patient comprising steps of:

restoring immune system function by regenerating the patient's involuted thymus;  
injecting the immunological equivalent of the tissue or organ to be transplanted into the patient, into the regenerated thymus (or, in the case of bone marrow cells, peripherally); and  
then transplanting said organ or grafting said tissue.

17. (Currently Amended) The method of claim 16 in which the step of injecting is achieved by an intrathymic injection in which said patient is given a dose of immunosuppressant at approximately the same time the intrathymic injection is administered.

18. (Original) The method of claim 17 in which the desired tissue or organ transplant is performed on the same day as the intrathymic injection, accompanied by maintenance of immunosuppression until tolerance is achieved.

19. (Currently Amended) The method of claim 17 in which transplantation of the desired organ or tissue is delayed until organ or tissue tolerance has been achieved[[,]] ~~e.g., for approximately 1-2 weeks, or longer.~~

20. (Currently Amended) The method of claim 16 in which said step of restoring immune system function by regenerating said patient's thymus is performed by administering a first compound consisting of one of human growth hormone, human growth hormone analogs, human growth hormone precursors, human growth hormone metabolites, human growth hormone releasers, human growth hormone mimics, and mixtures thereof in combination with

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a second compound consisting of one of DHEA, DHEA precursors, DHEA releasers, DHEA analogs, DHEA metabolites and combinations thereof.

21. (Currently Amended) The method of claim 16 in which said step of restoring immune system function by regenerating said patient's thymus is performed by: administering a first compound selected from the group consisting of human growth hormone, human growth hormone analogs, human growth hormone precursors, human growth hormone metabolites and human growth hormone releasers or mimics and mixtures thereof, combined with the approximately simultaneous administration of a second compound selected from the group consisting of chromium picolinate and equivalent chromium containing compounds and phenformin.

22. (Currently Amended) The method of claim 16 in which said step of restoring immune system function by regenerating said patient's thymus includes: administering zinc, Vitamin E and coenzyme Q<sub>10</sub>.

23-31 (Cancelled).

32. (Previously Presented) The method of claim 16, wherein the immunological equivalent of the tissue or organs to be transplanted into the patient is endogenous material.

33. (Previously Presented) The method of claim 16, wherein the immunological equivalent of the tissue or organs to be transplanted into the patient is exogenous material.

34. (Previously Presented) The method of claim 22 in which said zinc is administered at 30-130 mg/60 kg body weight per day; Vitamin E is administered at 200-1000 IU/day/60 kg of body weight; and coenzyme Q<sub>10</sub> is administered at 10-200 mg/day.